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UTILITY PATENT APPLICATION TRANSMITTAL

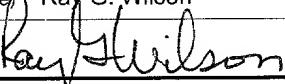
Attorney Docket No S-94,651

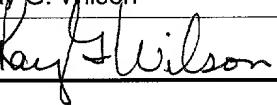
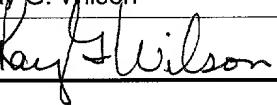
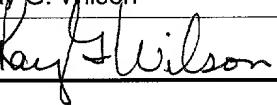
First Inventor or Application Identifier: Fabrizio Petrini et al.

Title:
BUFFERED COSCHEDULING: A METHODOLOGY FOR
DEVELOPING AND SCHEDULING PARALLEL PROGRAMS

Express Mail Label No EJ576619296US

1000 U.S. PRO

APPLICATION ELEMENTS		ADDRESS TO: Box Patent Application Commissioner for Patents Washington, DC 20231	
1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g. PTO/SB/17) <small>(submit an original and a duplicate for fee processing)</small> 2. <input checked="" type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27.</small> 3. <input checked="" type="checkbox"/> Specification [Total Pages 31] <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Descriptive title of the Invention <input type="checkbox"/> Cross References to Related Applications <input checked="" type="checkbox"/> Statement Regarding Fed sponsored R&D <input type="checkbox"/> Reference to sequence listing, a table or a computer program listing appendix <input checked="" type="checkbox"/> Background of the Invention <input checked="" type="checkbox"/> Brief Description of the Drawings (if filed) <input checked="" type="checkbox"/> Detailed Description <input checked="" type="checkbox"/> Claim(s) <input checked="" type="checkbox"/> Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawings(s) (35 U.S.C 113) [Total Sheets 10] <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Formal <input type="checkbox"/> Informal 5. <input type="checkbox"/> Declaration & Power of Attorney [Total Pages] <ul style="list-style-type: none"> a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 63(d)) <small>(for continuation/divisional with Box 16 completed)</small> c. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33 (b).</small> 		6. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 7. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small> <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statement verifying identity of above copies 	
ACCOMPANYING APPLICATION PARTS			
8. <input type="checkbox"/> Assignment Papers (cover sheet & documentation) 9. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small> 10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 11. <input type="checkbox"/> Preliminary Amendment 12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(should be specifically itemized)</small> 13. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small> 14. <input type="checkbox"/> Request and Certification Under 35 U.S.C. 122(b)(2)(b)(i) 15. <input type="checkbox"/> Other:			
16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment. <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application S.N. _____ / _____. Prior application information: Examiner Group/Art Unit:			
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.			
16. CORRESPONDENCE ADDRESS			
Name: Ray G. Wilson			
Address: Los Alamos National Laboratory LC/BPL, MS DA187			
City: Los Alamos State: New Mexico Zip Code 87545			
Country United States Telephone: (505) 665-3112 Fax: (505) 665-4424			
Name (Print/Type) Ray G. Wilson		Registration No. (Attorney/Agent) 28,351	
Signature: 		Date: June 28, 2001	

FEE TRANSMITTAL For FY 2001		Complete if Known																																																																																																																																					
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<p>1. <input checked="" type="checkbox"/> The commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: 12-2150 Deposit Account Name: Los Alamos National Laboratory</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 C.F.R. 1.16 and 1.17.</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>		<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity Fee</th> <th>Small Entity Fee</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>\$130</td> <td>\$65</td> <td>Surcharge – late filing fee or oath</td> <td></td> </tr> <tr> <td>\$50</td> <td>\$25</td> <td>Surcharge – late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>\$2,520</td> <td>\$2,520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>\$110</td> <td>\$55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>\$390</td> <td>\$195</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>\$890</td> <td>\$445</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>\$1,390</td> <td>\$695</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>\$1,890</td> <td>\$945</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>\$310</td> <td>\$155</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>\$310</td> <td>\$155</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>\$270</td> <td>\$135</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>\$110</td> <td>\$55</td> <td>Petition to revive – unavoidable</td> <td></td> </tr> <tr> <td>\$1,240</td> <td>\$620</td> <td>Petition to revive – unintentional</td> <td></td> </tr> <tr> <td>\$130</td> <td>\$130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>\$50</td> <td>\$50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>\$180</td> <td>\$180</td> <td>Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>\$710</td> <td>\$355</td> <td>Filing a submission after final rejection (37 CFR 1.129 (a))</td> <td></td> </tr> <tr> <td>\$710</td> <td>\$355</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td>\$300</td> <td>\$300</td> <td>Publication fee for early, voluntary, or normal publication</td> <td></td> </tr> <tr> <td colspan="4">Other fee (specify) _____</td> </tr> <tr> <td colspan="4">Other fee (specify) _____</td> </tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL (3) \$-0-</td> </tr> <tr> <td colspan="4">Reduced by Basic Filing Fee Paid</td> </tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL FROM 1 \$355</td> </tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL FROM 2 \$-0-</td> </tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL FROM 3 \$-0-</td> </tr> <tr> <td colspan="4" style="text-align: right;">TOTAL AMOUNT OF PAYMENT \$355</td> </tr> <tr> <td colspan="4" style="text-align: center;">SUBMITTED BY</td> </tr> <tr> <td>Printed Name:</td> <td colspan="2">Ray G. Wilson</td> <td>Complete (if applicable)</td> </tr> <tr> <td>Signature:</td> <td colspan="2"></td> <td>Reg. No. 28,351</td> </tr> <tr> <td></td> <td colspan="2"></td> <td>Date: June 28, 2001</td> </tr> <tr> <td></td> <td colspan="2"></td> <td>Telephone (505) 665-3112</td> </tr> </tbody></table>		Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid	\$130	\$65	Surcharge – late filing fee or oath		\$50	\$25	Surcharge – late provisional filing fee or cover sheet		\$2,520	\$2,520	For filing a request for reexamination		\$110	\$55	Extension for reply within first month		\$390	\$195	Extension for reply within second month		\$890	\$445	Extension for reply within third month		\$1,390	\$695	Extension for reply within fourth month		\$1,890	\$945	Extension for reply within fifth month		\$310	\$155	Notice of Appeal		\$310	\$155	Filing a brief in support of an appeal		\$270	\$135	Request for oral hearing		\$110	\$55	Petition to revive – unavoidable		\$1,240	\$620	Petition to revive – unintentional		\$130	\$130	Petitions to the Commissioner		\$50	\$50	Petitions related to provisional applications		\$180	\$180	Submission of Information Disclosure Statement		\$710	\$355	Filing a submission after final rejection (37 CFR 1.129 (a))		\$710	\$355	For each additional invention to be examined (37 CFR 1.129(b))		\$300	\$300	Publication fee for early, voluntary, or normal publication		Other fee (specify) _____				Other fee (specify) _____				SUBTOTAL (3) \$-0-				Reduced by Basic Filing Fee Paid				SUBTOTAL FROM 1 \$355				SUBTOTAL FROM 2 \$-0-				SUBTOTAL FROM 3 \$-0-				TOTAL AMOUNT OF PAYMENT \$355				SUBMITTED BY				Printed Name:	Ray G. 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